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Abstract of DE 19800653 (A1)

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The invention relates to a solid bowl centrifuge (1) for multiphase mixtures, preferably three-phase mixtures, which is especially meant for fibrous material suspensions used in the paper industry. The solid bowl centrifuge (1) has a housing (2) and a rotor (7) which is provided for separating the multiphase mixture into a light, middle and heavy fraction. At least one orifice (41) situated in the bowl of the rotor (7) is provided for conveying the heavy fraction out. A conveying device (51) is arranged in a chamber (43) between the outer wall (24) of the rotor (7) and the housing (2). Said conveying device conveys a blocking medium into the chamber (43) with at least the pressure prevailing there and in a direction of at least one orifice (41) provided for the heavy fraction.